

# Review of Plant Pathology

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**Volume 69**

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# REVIEW OF PLANT PATHOLOGY

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## C·A·B INTERNATIONAL BUREAU OF CROP PROTECTION

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The CAB International Mycological Institute (CMI), with a staff of about 70 and an annual budget of £1.2m, is the largest centre concerned with systematic mycology in the world. Founded in 1920, the Institute has from the first provided world services to mycologists and workers in related disciplines, particularly plant pathology, medical and veterinary mycology, and more recently, industrial mycology, biodeterioration, and biotechnology.

### **Identification Services**

Correct diagnosis of the cause of a disease, spoilage, or industrial problem is the first step in finding an appropriate solution. CMI provides a reliable, up-to-date identification service for about 7,000 cultures and specimens each year, received from a wide variety of sources. Tropical plant pathogenic bacteria are also covered.

Staff are involved in wide-ranging research programmes on microfungal systematics. They produce about 80 scientific papers each year and also compile the *Dictionary of the Fungi*, *Index of Fungi*, *Bibliography of Systematic Mycology*, *Systema Ascomycetum*, *Descriptions of Plant Pathogenic Fungi and Bacteria*, and *Distribution Maps of Plant Diseases*.

The Service is provided free of charge to non-commercial users in CABI member countries. Information on the submission of material and details of charges for users in non-member countries and in commercial organizations are available on request.

### **Culture Collection**

The Culture Collection, which incorporates the UK National Collection of Fungus Cultures, maintains about 14,000 strains; it is one of the largest service collections for fungus cultures in the world.

Cultures are available for sale world-wide for industrial, scientific and educational use, and metabolic and physiological data on the strains held is actively added to the Collection's databank.

A catalogue (1988 edition) listing the strains available is published £25 post free world-wide. Additions to the collection are welcome, especially of fungi otherwise not represented in the collection or of biochemical, economic and industrial importance.

The Culture Collection is recognized as an International Depositary Authority for patent strains under the terms of the Budapest Treaty.

### **Training**

CMI offers a wide variety of training activities, ranging from post-graduate research degrees to one-day specialist seminars, and including an annual six-week International Course on the Identification of Fungi of Agricultural Importance.

Overseas workshops, individual training and tuition for mycologists, plant pathologists and industrial staff are also arranged.

### **Plant Pathology Laboratory**

The Institute's Plant Pathology Laboratory incorporates the UK Overseas Development Administration (ODA) Plant Pathology Liaison Unit. It also provides technical back-up and consultancy services for the ODA and others, based on expertise and information that is available at CMI.

### **Consultancy and Contract Services**

CMI is able to undertake consultancy assignments involving surveys of disease problems and also contract research in any of its fields of activity. Staff can also assist in the preparation of mycological publications on a contract basis.

### **Biodeterioration and Industrial Laboratory**

The laboratory is accredited under the UK National Testing Laboratory Accreditation Scheme (NATLAS/NAMAS) and carries out a wide variety of industrial testing, contract research and consultancies. Over 40 contracts are carried out annually, involving a wide range of materials, such as automotive and aircraft parts, museum and library specimens, fuels and lubricants, electrical equipment, building materials and stored foods. Services involving organisms other than fungi can also be arranged, and a tropical testing facility is available.

### **Biochemical Laboratory**

The laboratory is involved in screening and checking large numbers of fungi for enzyme and metabolite production and to obtain physiological data.

Results are used both to enhance the Culture Collection Database and to develop improved identification methods.

### **Information**

The CMI library holds a unique collection of literature on plant pathology, medical and veterinary mycology, biodeterioration, fungal biotechnology, and fungal taxonomy. It includes approximately 1000 current journals, over 30,000 volumes and books, and 135,000 reprints.

CMI collaborates with the Information Services of CABI in the publication of books and journals in its fields, including seven serial publications.

Literature searches and studies can be carried out to specific individual requirements, and a photocopy service is also available to provide copies of original source literature.

### **Further details**

Please write or telephone for our current Services and Publications booklet and any further information on specific services that you may require. All work is carried out by CMI on a confidential basis, and we will be pleased to discuss your individual requirements without obligation.



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## ERRATA

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### Volume 68 No. 4

Page	Abstract	Line	
663	5710	7	For <i>Annona reticulata</i> read <i>Annona cherimola</i> X <i>A. squamosa</i>

### Volume 68 No. 6

Page	Abstract	Line	
277	2222	3	For <i>Phytoprotection</i> read <i>Phytophylactica</i> .

### Volume 69 No. 5

Page	Abstract	Line	
288	2282	3	For 'maize mosaic potyvirus' read 'maize mosaic rhabdovirus'.



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